The Apple IIc

Setting Up Your Apple IIc

At last! A powerful computer that's easy to use and even easier to set up. You won't need help, but if others in your family or office will be using the Apple IIc, encourage them to share in setting up your new computer system. The fun starts here and so does the learning.

Introduction

One of the great things about the Apple IIc is that it is has the circuitry for all sorts of accessories (or ***peripheral devices****) built in. To add a device to your computer system, all you do is plug a cable into a port on the back of the machine. (****Ports*** *are sort of like electrical outlets, except that each one is specifically designed for the kind of peripheral device that can be connected to it.)*

This pamphlet will show you how to attach peripheral devices to your Apple IIc and how to keep your peripheral devices working like new. But there's no need to read Setting Up Your Apple IIc *from front to back. Read the pages that apply to your peripheral devices and skip the rest. But before you jump to the installation section, take a minute to read these general instructions.*

Unpacking the Apple IIc

You're probably eager to get your Apple IIc up and running. (In fact, you're demonstrating unusual restraint if your computer is still in the box.) But hold your horses. Take a quick inventory before you start setting up the computer.

Check the picture on the opposite page and make sure you have everything you're supposed to have. If you're missing anything, contact your dealer. If everything's in order, fill out the warranty card and mail it in. The card registers you as an Apple owner so you can be notified of important changes to Apple products. (The warranty asks for the Apple IIc serial number—you'll find it on the bottom of the computer.)

Apple IIc

Video Cable

Three Books

Warranty Card

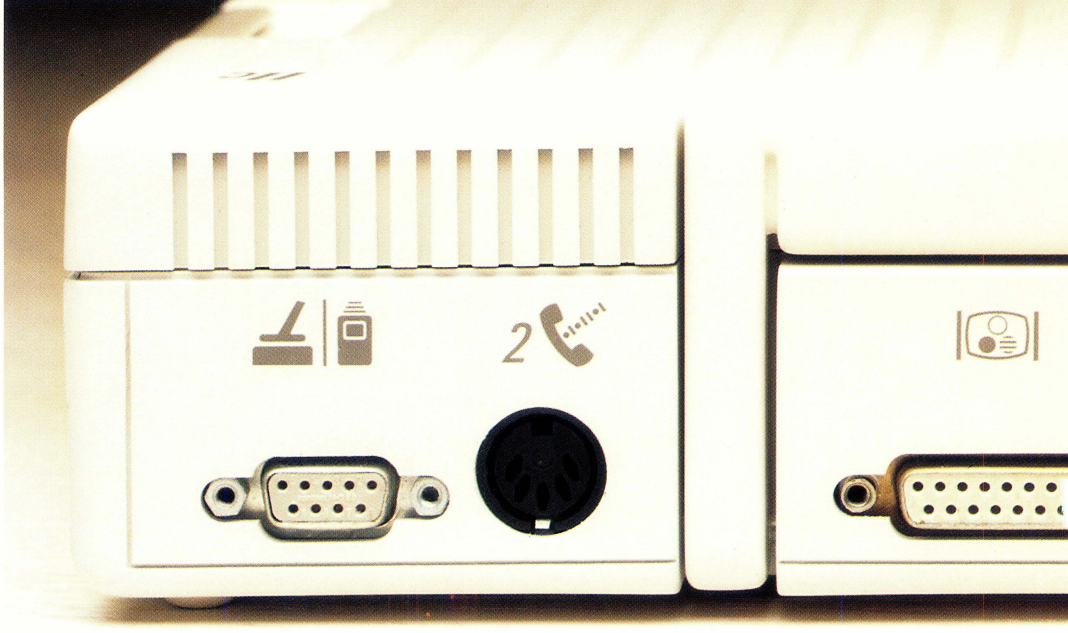
Switch Box

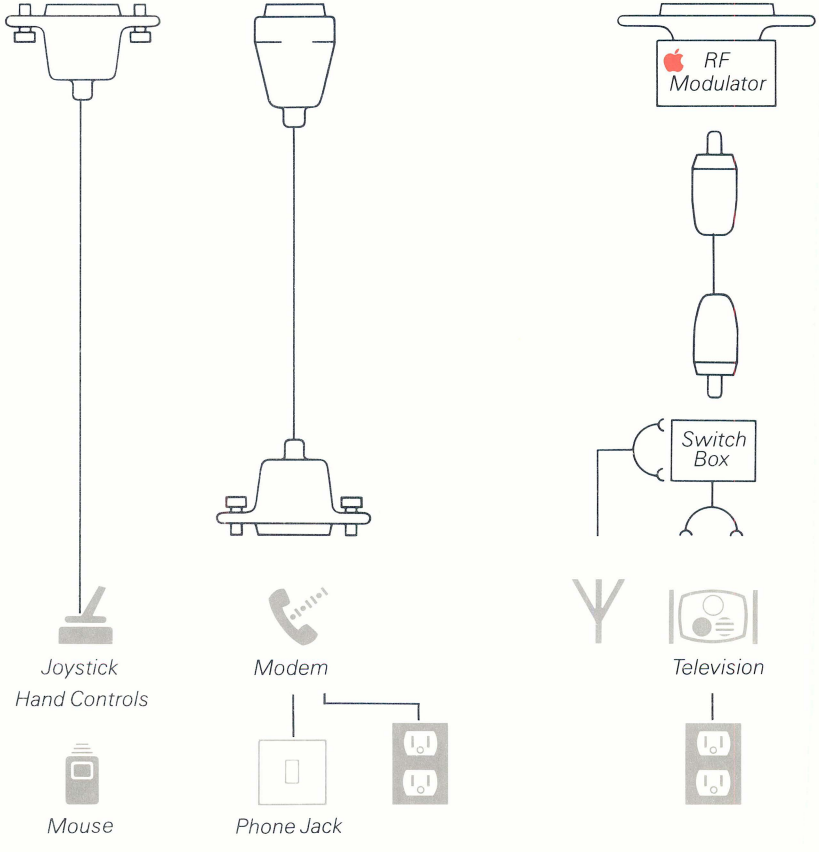
RF Modulator

Five Disks

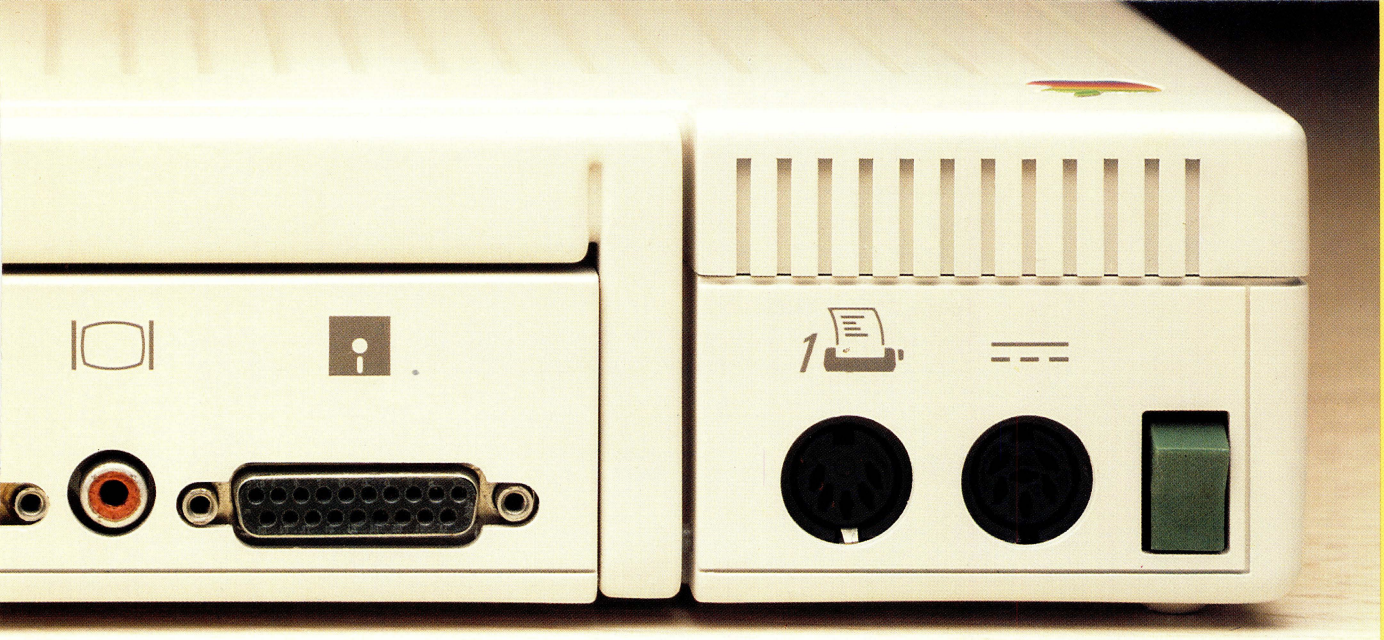
Power Cable

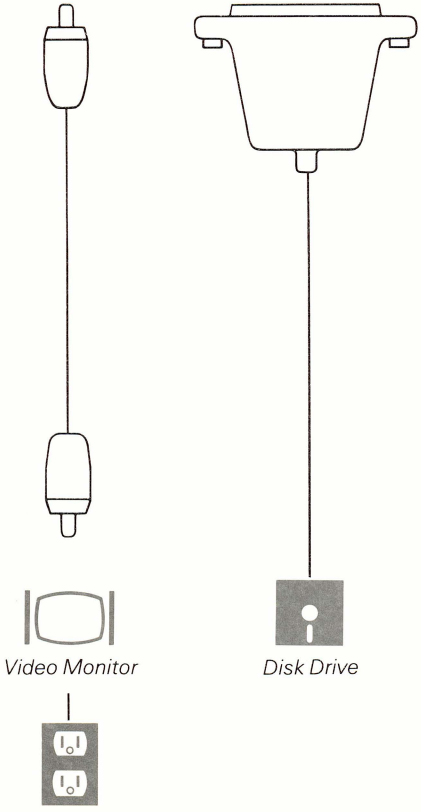
Installation Instructions

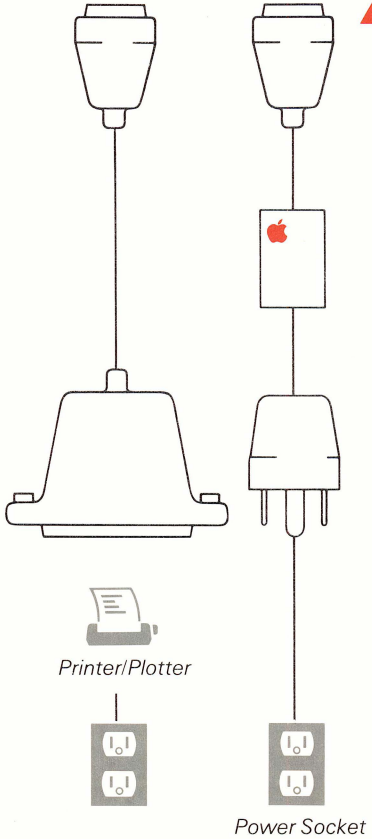




This illustration gives you an overview of how to connect various peripheral devices to your computer. Connecting peripheral device cables to the Apple IIc is a snap because there are symbols above each port showing you which device goes where.







Warning

Before you plug anything into the back panel of the Apple IIc, make sure the power switch (on the far right as you face the back of the computer) is set to 0 for off.

About Your Cables:
The Apple IIc and all Apple IIc peripherals come with shielded cables. If you use other devices with your Apple IIc, make sure the cables are shielded.

Retaining Screws

Some connectors have small screws on either side. Tightening these screws keeps you from accidentally losing touch with your accessories—by making a strong connection between the cable and the computer—and eliminates any possibility of interference that could affect television or radio reception in the area. See the owner's guide for more information about preventing radio frequency interference. (You'll need a small screwdriver to tighten and loosen the screws.)

Table of Symbols

Most of the symbols on the Apple IIc back panel are self-explanatory. If you have any questions about which device or devices a symbol represents, check this chart:

Joystick or Hand Controls		*Mouse*	
Modem		*Television Set*	
Video Monitor		*External Disk Drive*	
Printer or Plotter		*Headphones*	
Power Cable			

Plugging In the Power Cable

Locate the power cable—it's the thick cord with the box in the middle. (The box is a power transformer. It converts the 110 volts from the wall outlet to the 12 volts DC needed to power the computer.)

1. *Make sure the power switch is set to O for off (press down on the lower half of the switch).*
2. *Plug the power cable into the back of the Apple IIc.*
3. *Plug the power cable into a three-hole, grounded outlet.*

Warning

If you don't have a three-hole, grounded outlet, have an electrician rewire the outlet. Do not operate your computer without proper grounding or you could damage your computer and even harm yourself.

If you have more than two devices that need to be plugged into the wall, you should invest in a power strip. A ***power strip*** *is like a wall socket with four to eight outlets. Many power strips have an on/off switch so you can turn all your devices on and off with one switch.*

Propping Up the Handle

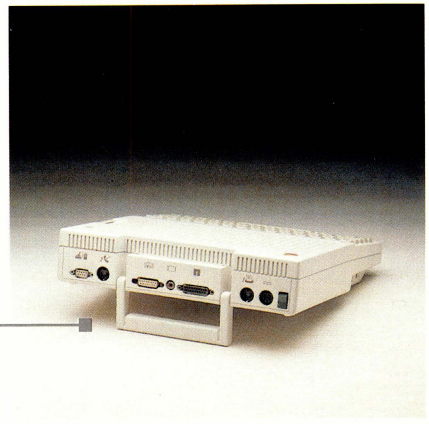
The handle that makes it easy to carry the Apple IIc has two other important functions: it props the computer into a comfortable position for typing and it raises the computer up off the desk for proper ventilation.

Warning

Do not use the computer without propping up the handle.

Warning

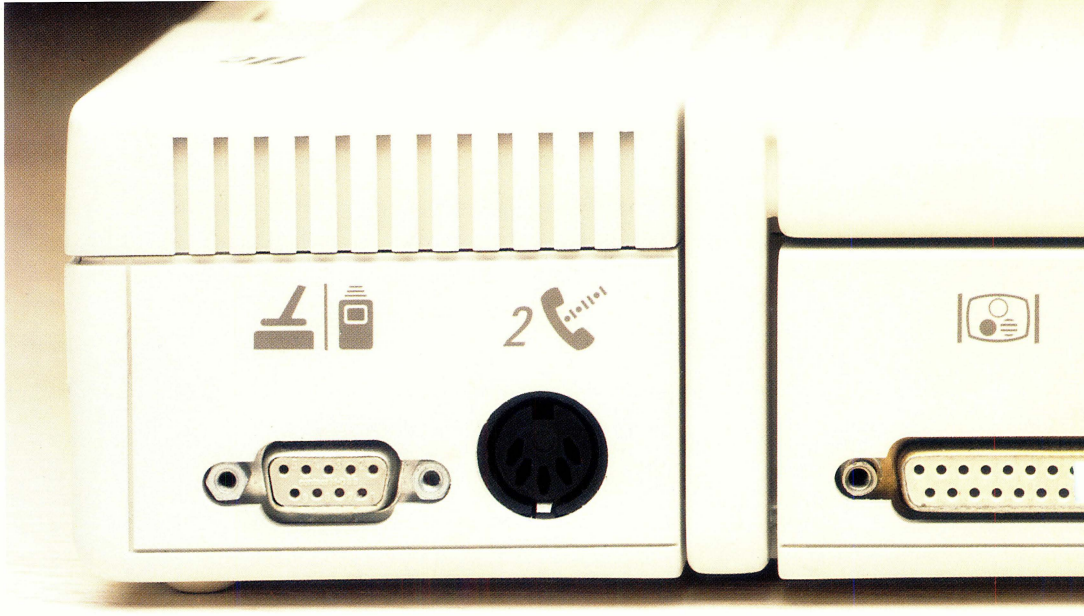
Do not attempt to open the computer case—this voids your warranty.

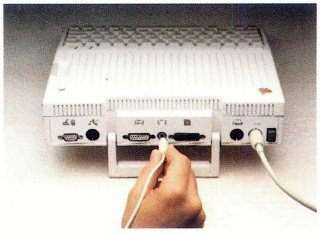


Go to It

So much for preliminaries. Now find the pages that describe your peripheral devices and get your computer system set up. When you finish setting up your system, read the care and handling section toward the end of this pamphlet, then go on to Apple Presents the Apple IIc, *the interactive owner's guide.*

Monitor





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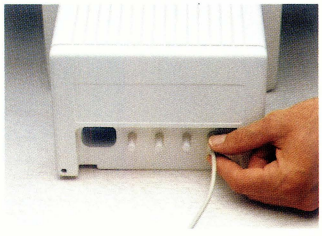

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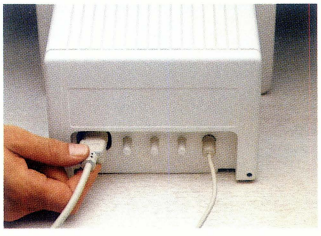


4.

You'll need two cables to hook up your monitor: the video cable that came with the Apple IIc and the monitor power cable that came with the monitor.

1. *Make sure the Apple IIc power switch is off.*

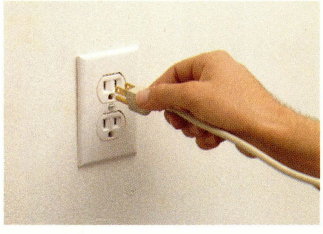
2. *Plug one end of the video cable into the computer.*

3. *Plug the other end of the video cable into the monitor.*

4. *Plug the monitor power cable into the monitor.*

5. *Plug the other end of the monitor power cable into a three-hole, grounded outlet.*

Once you've connected the monitor, set it next to the computer. If you'd prefer to have your monitor at eye level, you can get an Apple IIc monitor stand.



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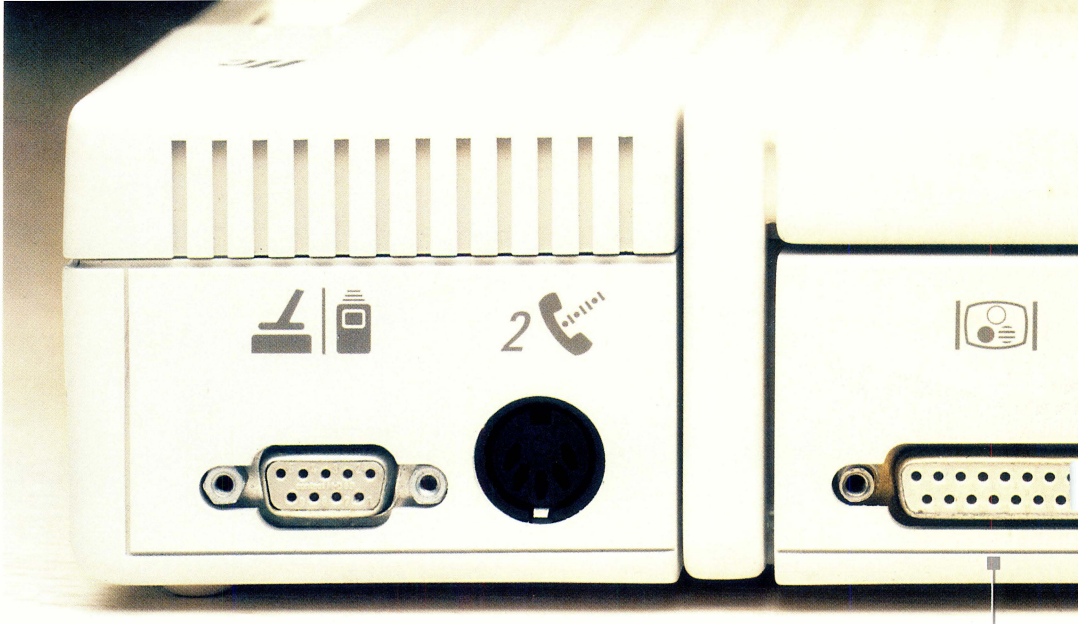
Warning

Do not set the monitor (or anything else) on top of the computer—it's too heavy, and it would block the vents, impairing the circulation of air through the computer.

Television



*You can use your television as a **display device** by connecting the radio-frequency (RF) modulator that came with your Apple IIc.*

1. *Make sure the Apple IIc power and your television power switches are off.*

2. *Loosen the VHF screws and detach the antenna wires from the VHF screws.*

3. *Attach the antenna wires to the screws on the switch box.*

4. *Attach the wires from the switch box to the VHF screws and tighten the screws.*

5. *Set the slide switch on the back of the switch box to the computer setting. (Slide it to TV when you want to watch television.)*

6. *Plug the modulator box into the port on the back of the Apple IIc.*

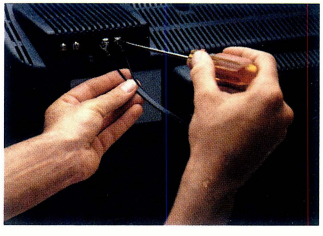
7. *Set the switch on the top of the modulator box to channel 3 or 4 (preferrably the channel that isn't broadcast in your area. If both are broadcast, don't worry about it.)*

8. *Plug one end of the video cable into the switch box on the back of the television set.*

9. *Plug the other end of the video cable into the modulator box on the back of the Apple IIc.*

10. *Set the 80/40 Column switch on the computer to 40. (The switch is set to 40 when it's in the down or locked position. Press the switch a few times so you'll recognize when it's in the locked and when it's in the unlocked position.)*

11. *Set the television set to channel 3 or 4, whichever setting you used on the modulator box.*



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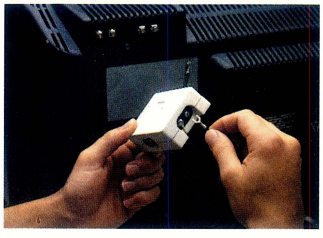

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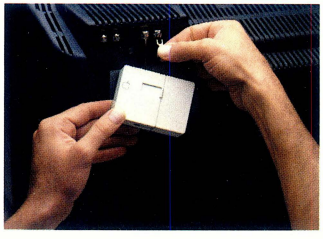

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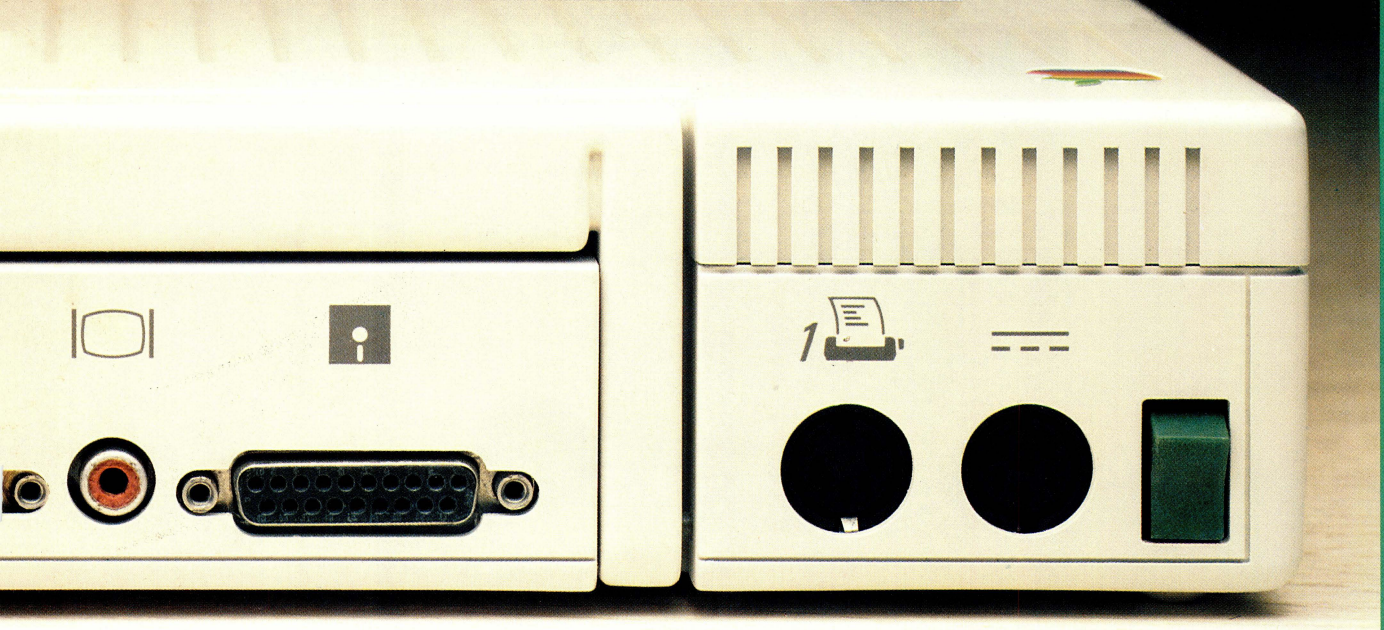

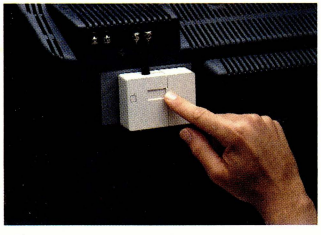

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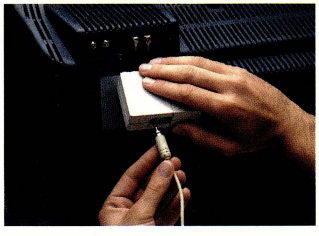

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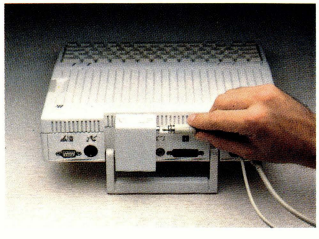

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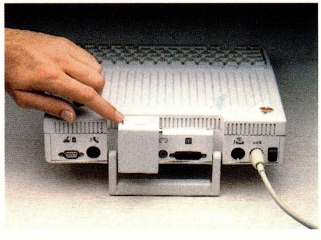

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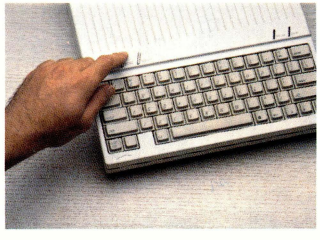


10.

Warning

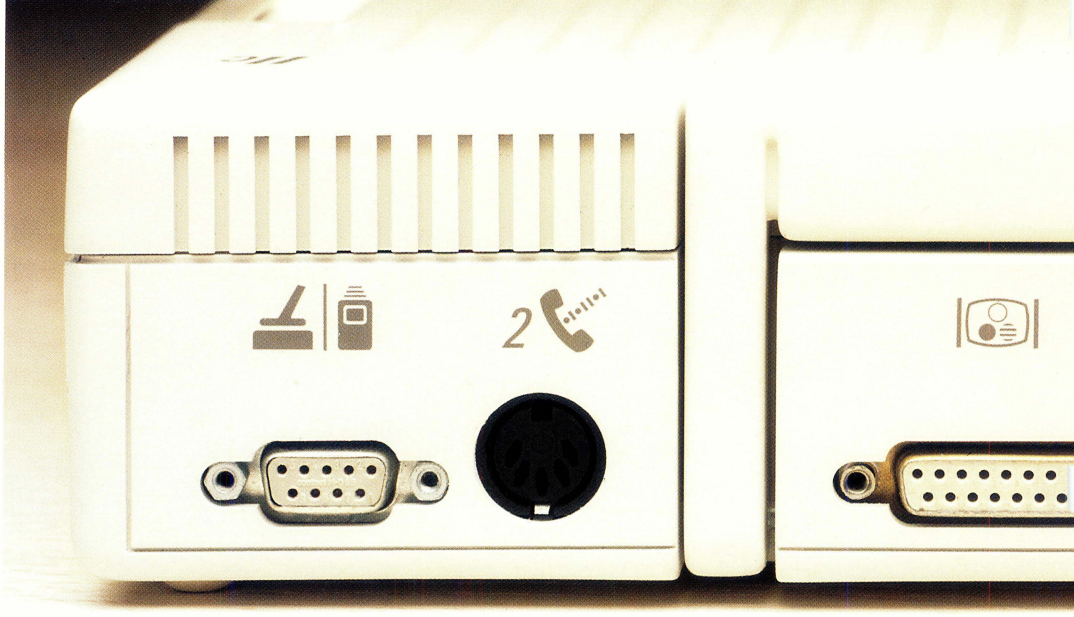
Don't set a TV set (or anything else) on top of the computer—it's too heavy and it would block the air vents. Set it behind or to one side of the computer.

About the Switch Box: *Your switch box might look slightly different from the one pictured here, but the connectors work the same regardless of appearances.*

Helpful Hints: *For a crisp computer image, adjust the fine tuning of your television set just as you would if you were watching a television program.*

Attaching a Coaxial Antenna Cable: *If you have a round, coaxial antenna cable instead of a flat antenna cable, you'll need to get an impedance matching device (available at electronic stores) before you can attach your antenna to the screws on the switch box.*

External Disk Drive, Printer, Plotter



1. *Make sure the Apple IIc power switch is off.*

2. *Plug the disk drive cable into the computer and tighten the retaining screws.*

3. *Open the disk drive by pressing in on the disk drive door (the door will spring up). If the cardboard packing material is still inside, remove it. From now on, the only thing you should put inside your disk drive is a disk.*

When you finish connecting your disk drive, set it to the left of your Apple IIc or far enough away on the right so there's room to get disks in and out of the built-in disk drive. Do not set your disk drive on top of the Apple IIc —it would block the air vents.

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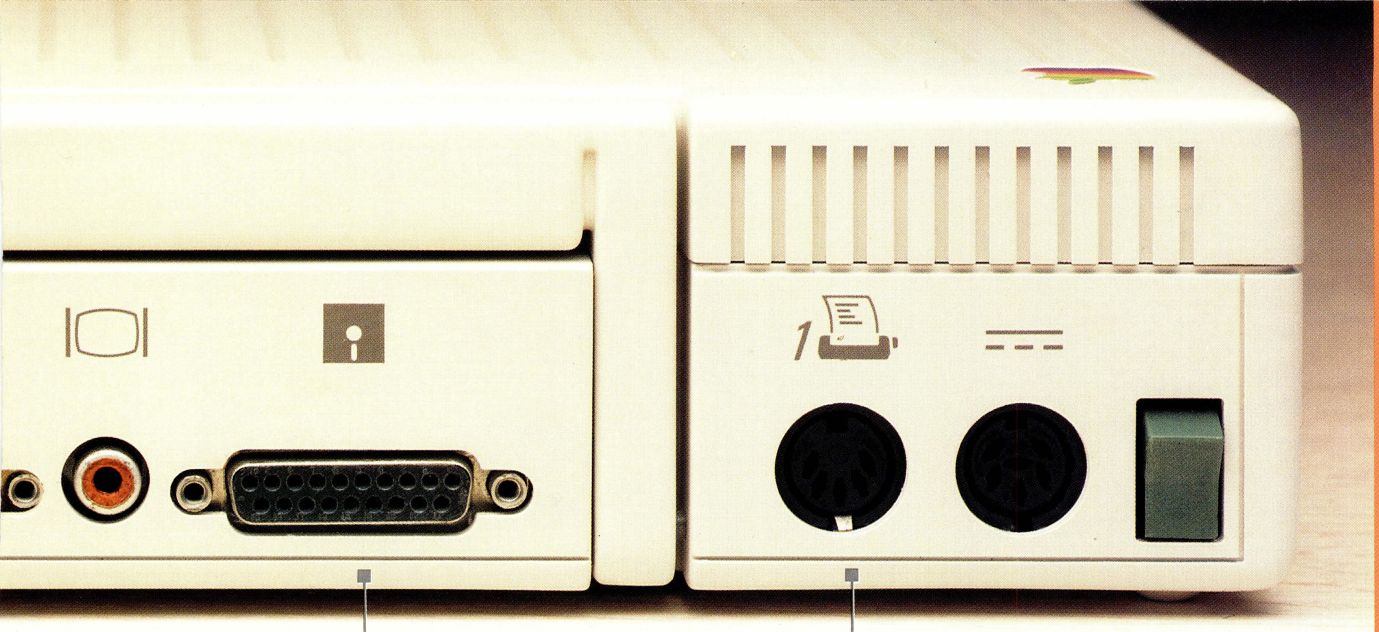


1. *Make sure the Apple IIc and printer or plotter power switches are off.*

2. *Attach one end of the printer cable to the printer and tighten the retaining screws.*

3. *Attach the other end of the printer cable to the Apple IIc.*

4. *Plug the printer power cable into the printer.*

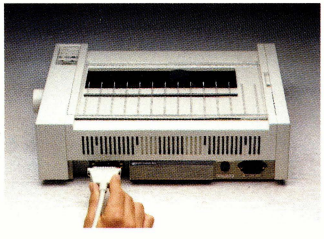
5. *Plug the other end of the printer power cable into a three-hole, grounded outlet.*

Finish setting up your printer or plotter according to the instructions in the manual that came with it. (If you're new to computers, you might want to go through the interactive guide, Apple Presents the Apple IIc, *and get more comfortable with the Apple IIc before you finish setting up your printer.)*

It's All the Same: *References to the printer or printer cable also apply to the plotter.*

Printer and Plotter? *If you have both a printer and a plotter, you can plug the plotter into the modem port. Then read the section on configuring serial ports in the utilities booklet.*

Important! *If you're using a printer other than the Apple Imagewriter or a plotter other than the Apple Color Plotter, read the section on configuring serial ports in the utilities booklet before attempting to use your printer or plotter.*



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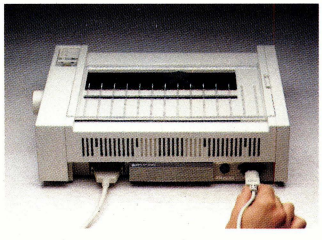

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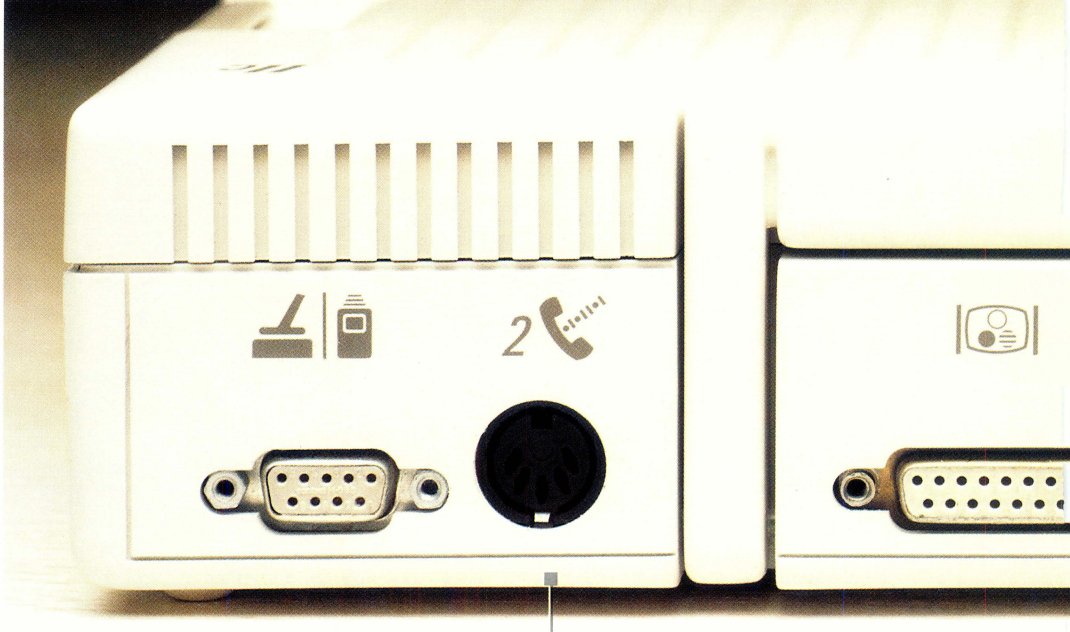
Modem



Three cables came packed with your modem: a power cable, a phone cable, and a modem cable.

Important! *If you're going to be using a modem with your computer, make sure there's a phone jack in the vicinity.*

1. *Make sure the Apple IIc and modem power switches are off (the down position).*

2. *Attach the modem cable to the modem and tighten the retaining screws.*

2.

3.

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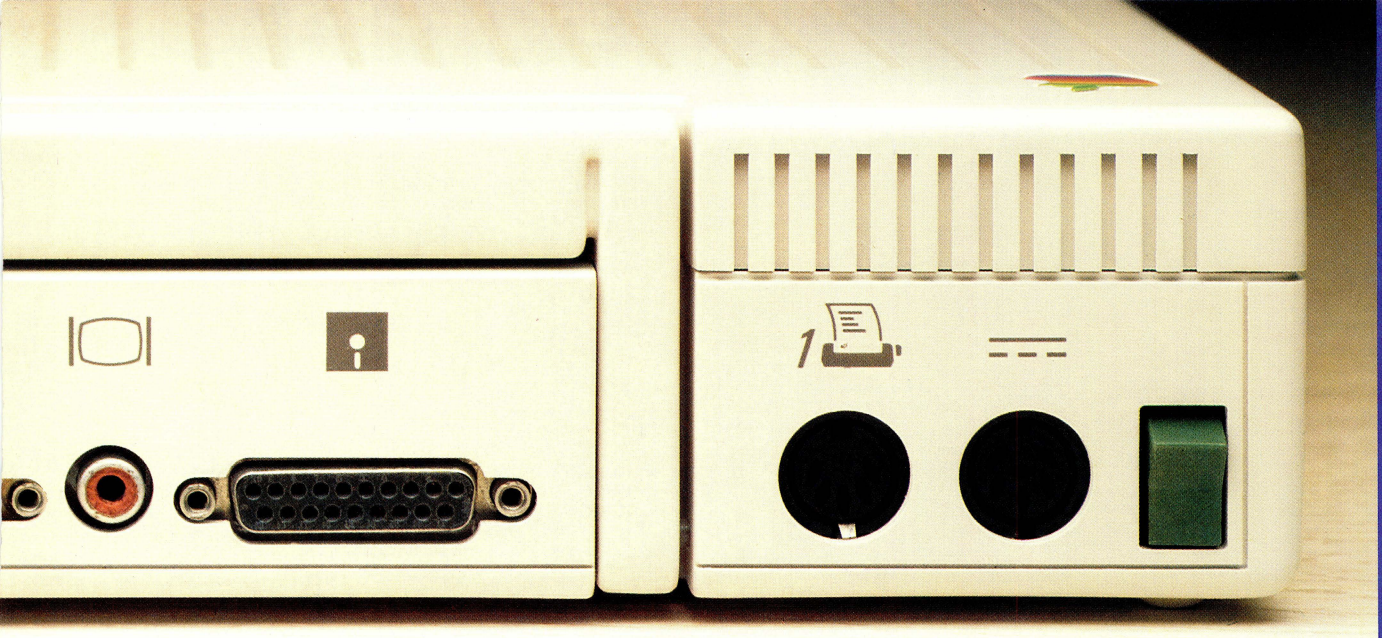


3. *Attach the modem cable to the Apple IIc.*

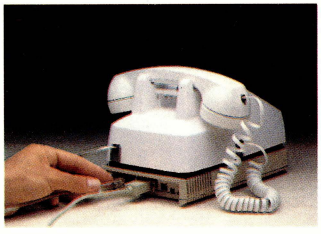
4. *Unplug your current phone cable from the phone, and plug it into one of the two identical phone jacks on your modem.*

5. *Take the phone cable that came with your modem and plug one end into the other phone jack on the modem and the other end into the phone jack on the phone. (This step is only necessary if you plan to use your phone for incoming and outgoing calls.)*

6. *Plug the small end of the modem power cable into the modem.*

7. *Plug the large end of the modem power cable (the transformer) into a three-hole, grounded outlet.*

Finish setting up your modem according to the instructions that came packed with it. Then read the section on configuring serial ports in the utilities booklet.



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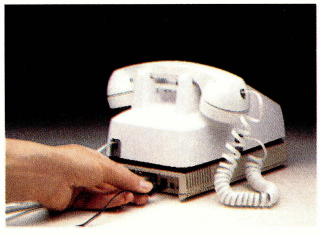

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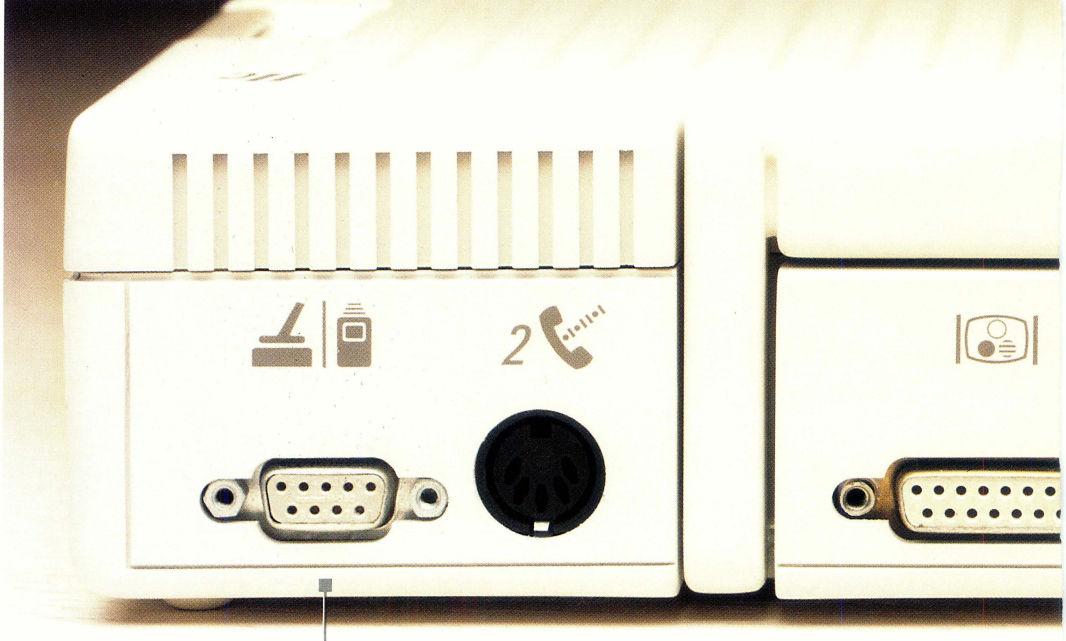
Mouse, Joystick, Hand Controls, Headphones



1. *Make sure the Apple IIc power switch is off.*

2. *Plug the cable for the mouse, joystick, or hand controls into the Apple IIc and tighten the retaining screws.*

If you're using the mouse, clear plenty of space next to the computer so you'll have room to roll the mouse across your desktop.

2.

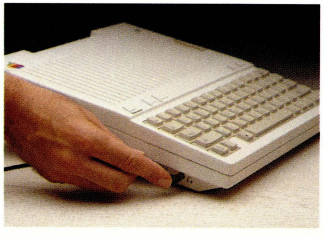
1. *Plug the headphone cable into the port on the lower-left side as you face the Apple IIc.*

2. *Check the volume before putting on the headphones. The volume control dial is located next to the headphone port.*

Headphones aren't available from Apple Computer, Inc, but you can use the same type of stereo headphones with the Apple IIc that you use for a portable radio.

Warning

The mouse, the joystick, and the hand controls all plug into one port on the back of the Apple IIc, so you can use only one of these devices at a time. If you want to switch from using the mouse to using the joystick or hand controls, be sure to turn off the power before making the change.



1.

Care and Handling

IIc

The Apple IIc is built to be transportable, so it can tolerate some jostling, but keep it dry and cool. If you carry your computer a lot, you might want to get an Apple IIc carrying case.

- *When you carry the Apple IIc, make sure there isn't a disk in the disk drive and that the disk drive door is closed.*
- *Don't block the air vents by setting things on top of the Apple IIc, don't use it on a carpet or a bed where the vents are blocked, and always prop up the handle when you're using the computer.*
- *Opening the case voids your warranty, so see your authorized Apple dealer for repairs.*
- *Clean the exterior with a slightly damp cloth.*

Handle a video monitor as you handle your television set.

- *Don't water plants overhead.*
- *Don't block the air vents by setting it down on a carpet or bed.*
- *Clean the case with a slightly damp cloth.*
- *Clean the screen with a clean, dry, lint-free cloth.*

Handle your printer and plotter the way you used to handle your typewriter.

- *Clean the outside with a slightly damp cloth.*
- *You'll find instructions for cleaning the inside of the case in the manual that came with your printer or plotter.*

Your disk drive will stay healthy if you keep it out of direct sunlight, keep your fingers and other foreign objects out of the disk drive, and keep the disk drive door closed when the disk drive is not in use. Whirring and clacking sounds are normal, but if your disk drive starts making unusual sounds or behaves erratically, see your authorized dealer for repairs.

- *You may occasionally want to clean the disk drive's read/write head with a disk drive cleaning kit—ask your authorized Apple dealer for advice on the best cleaning solution.*
- *Clean the outside of the drive with a slightly damp cloth.*

If you have trouble using your modem to communicate with other computers, chances are it's a problem with your phone lines, not with the modem. Have your dealer check your modem. If the modem's in working order, describe the communication problem to the phone company. If necessary, they can condition your phone lines and that should solve the problem.

Your hand controls, joystick, and mouse will live long lives if you avoid dangling them by their cables and use them as instructed. In particular, don't operate the mouse on a rug or other soft surface. You should clean the ball on the bottom of the mouse if you detect erratic pointer control. See the book that came with the mouse for cleaning instructions.

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